# JS Advanced: Exam Preparation

Problems for exam preparation for the [“JavaScript Advanced” course @ SoftUni](https://softuni.bg/courses/javascript-advanced). Submit your solutions in the SoftUni judge system at <https://judge.softuni.bg/Contests/352/>.

## 04.Title Bar

Write a JS **class** that generates an HTML title bar for a webpage. You will be supplied a title and a list of links for a navigation menu. Compose the markup for the title bar, attach the needed events and when requested, append the element to the document.

A title bar is composed of title text, a button and a menu list of navigation links. Clicking the button toggles the visibility of the menu. See the sample HTML for more details.

The constructor of your class needs to take one string argument – the title of the webpage. The class needs to have the following functions:

* addLink(href, name) – takes two string arguments and adds a **link** to the **menu list**
* appendTo(selector) – takes one string argument, **generates HTML** element and adds it to the passed in **selector**

The HTML shown below has the following elements:

* <span> with class "**title**" which holds the **title** passed in to the constructor
* **<a>** with class "**button**" which **toggles** the visibility of the **menu**; you need to attach a **click event** to this element
* <div> with class "**drawer**" which contains the **navigation links**; it’s display css property needs to be **toggled** between block and none via the button listed above
* <a>’s with class "**menu-link**" for each of the **navigation links**

The generated HTML needs to match this **structure** exactly.

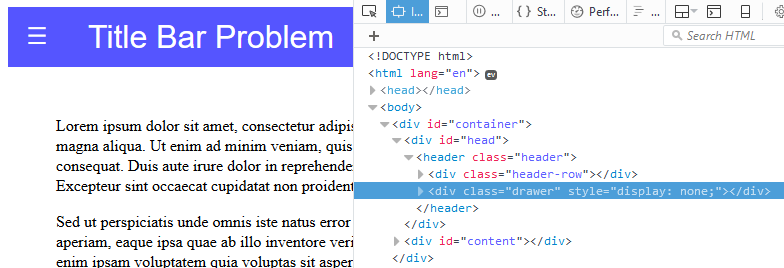
|  |
| --- |
| titlebar.html |
| <**header class="header"**>  <**div class="header-row"**>  <**a class="button"**>**&#9776;**</**a**>  <**span class="title"**>Title</**span**>  </**div**>  <**div class="drawer"**>  <**nav class="menu"**>  <**a class="menu-link" href="href"**>Link name</**a**>  <**a class="menu-link" href="href"**>Link name</**a**>  <**a class="menu-link" href="href"**>Link name</**a**>  <**a class="menu-link" href="href"**>Link name</**a**>  </**nav**>  </**div**> </**header**> |

### Examples

The title bar from the example can be generated using the following code:

|  |
| --- |
| Sample JavaScript |
| **let *header*** = **new** TitleBar(**'Title Bar Problem'**); ***header***.addLink(**'/'**, **'Home'**); ***header***.addLink(**'about'**, **'About'**); ***header***.addLink(**'results'**, **'Results'**); ***header***.addLink(**'faq'**, **'FAQ'**); ***header***.appendTo(**'#container'**); |

Use the provided HTML skeleton as an example and for testing. Note there are no events in the example – the menu will always be visible. jQuery is automatcally available in the Judge, but if you want to use it locally, you’ll have to add it to the HTML yourself.



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